

# 2019–2020 Pawleys Island Beach Renourishment

Project Update — January 23, 2020

Issue No. 5

*For more information about this project, visit the town website at:  
[www.townofpawleysisland.com/beach-renourishment](http://www.townofpawleysisland.com/beach-renourishment).*

## Mobilization & Construction Progress

The Pawleys Island Nourishment Project continues to proceed well in the new year. The beach fill is complete from the south end of the island to station 49+00 (just north of Pritchard St). So far, Marinex has placed ~600,000 cubic yards of sand on the beach, which is 55% of the total project volume. Production has increased significantly since Marinex began operating from the second borrow area which is closer to the shore. High wave events have periodically paused sand placement activities; however, the project is still on schedule to finish before sea turtle season in May.

The project includes creation of a new dune along the portion of the beach that did not have a substantial dune prior to the project. Marinex is placing the dune as close to structures as they can while maintaining a generally straight alignment. In areas where the seaward side of houses are staggered, the dune may be closer or further away from individual properties to maintain an appropriate alignment. Following the project, homeowners may wish to import sand or rework landscaping between their houses and the dune.

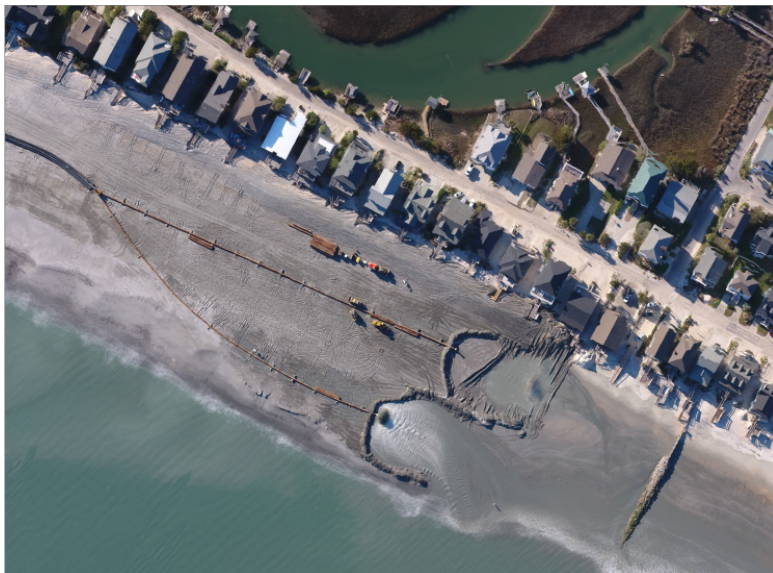


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Once the nourishment fill reaches the near station 80+00, Marinex will relocate the subline that presently comes onshore at the southern parking lot. The dredger intends to reinstall the subline near station 78+00 and continue pumping operations to the north. After the line is moved, Marinex will remove all the plastic line that is currently spanning the beach between the parking lot and the fill site. There may be areas along the completed beach that could be used to temporarily store pipe after the main line is removed. Marinex is working to minimize its construction footprint and open as much beach as possible to owners and visitors.

**Marinex Construction has placed approximately 600,000 cubic yards of sand on the beach (55% of the total project volume). This photo shows the project site at Station 45+00, south of Pritchard Street, on January 15, 2020.**



## Get a Detailed View of the Renourishment Project!

You can view a high resolution aerial view of the renourishment project and zoom in on key areas of interest. The project engineering firm (Coastal Science & Engineering - CSE) obtained a high-resolution photo of the project area on January 16<sup>th</sup>. Click the photo on the left or visit <https://tinyurl.com/PawleysOrtho> for a birds-eye view of construction progress.



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## Dune Walkovers and Vegetation

While the contractor is attempting to place a complete dune section, their equipment does not allow them to fill under existing porches, platforms, or walkovers. Walkovers that extend further out on the beach, or that have wide platforms at the dune location may have voids under the structures. Homeowners are encouraged to fill in the voids with shovels or smaller equipment. Note that owners may need to import additional beach compatible sand to completely fill voids.

**Some walkovers may have voids under the structures. Homeowners are encouraged to fill in the voids with shovels or smaller equipment.**



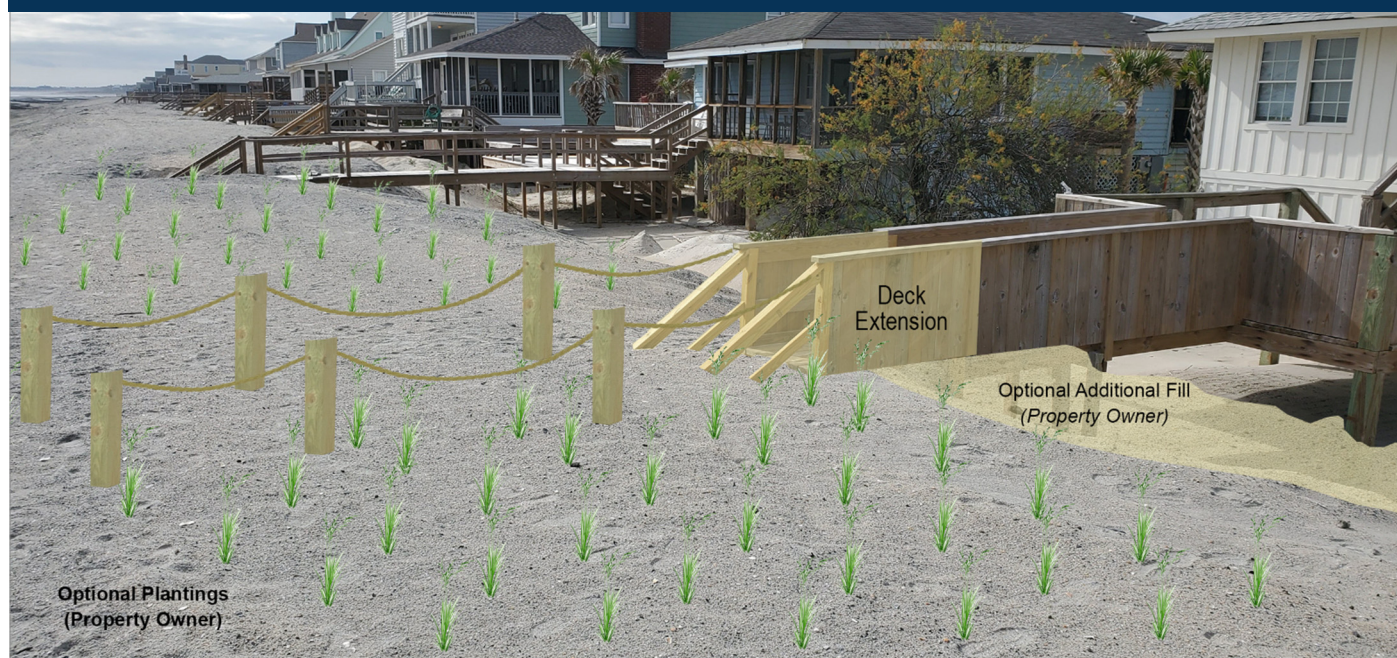
CSE recommends that owners with walkovers that do not extend to the crest of the new berm construct extensions to their existing walkovers that reach to the back edge of the new berm crest. CSE does not recommend that owners construct walkovers that span the entire dune. The seaward slope of the new dune is gentle enough for most pedestrians to walk up and down without the need for stairs. According to OCRM regulations, walkovers may be constructed with wood or wood-like composite material. Any composite material is required to contain wood fibers. PVC or similar materials are not allowed. Between extended walkovers and the seaward toe of the dune, CSE recommends owners install post and rope guides to encourage pedestrian traffic to avoid walking laterally on the dune.



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**Property owners with walkovers that do not extend to the crest of the new berm are advised to construct extensions to their existing walkovers. These walkovers should not span the entire dune. Building recommendations are illustrated below.**



The Town is working to create a plan to install dune vegetation along the project area. The Town will install vegetation along the seaward slope of the dune to encourage future dune growth. Owners may wish to install additional vegetation along the crest or landward slope of the dune at their own expense. The Town will provide a cost per linear foot of lot width for owners to have additional vegetation installed along the crest of the dune as part of the Town project. Details will be provided once the Town plan and cost is finalized.

Please note that owners are not allowed to harvest sand from the post-project beach for filling under houses. Any material used for restoring landscaping or filling under houses should be beach compatible material acquired from an inland source.

## Job Site Safety

For everyone's safety, it is crucial that beachgoers stay away from the active construction zone. Marinex has pushed sand ramps over the pipeline on the beach along the completed sections of the renourishment project to enable the public to safely access the ocean. Beachgoers are reminded to stay away from the active construction zone and not to pass safety fencing, tape, or signs.



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**Sand ramps enable beachgoers to safely walk over the pipeline to access the ocean.**



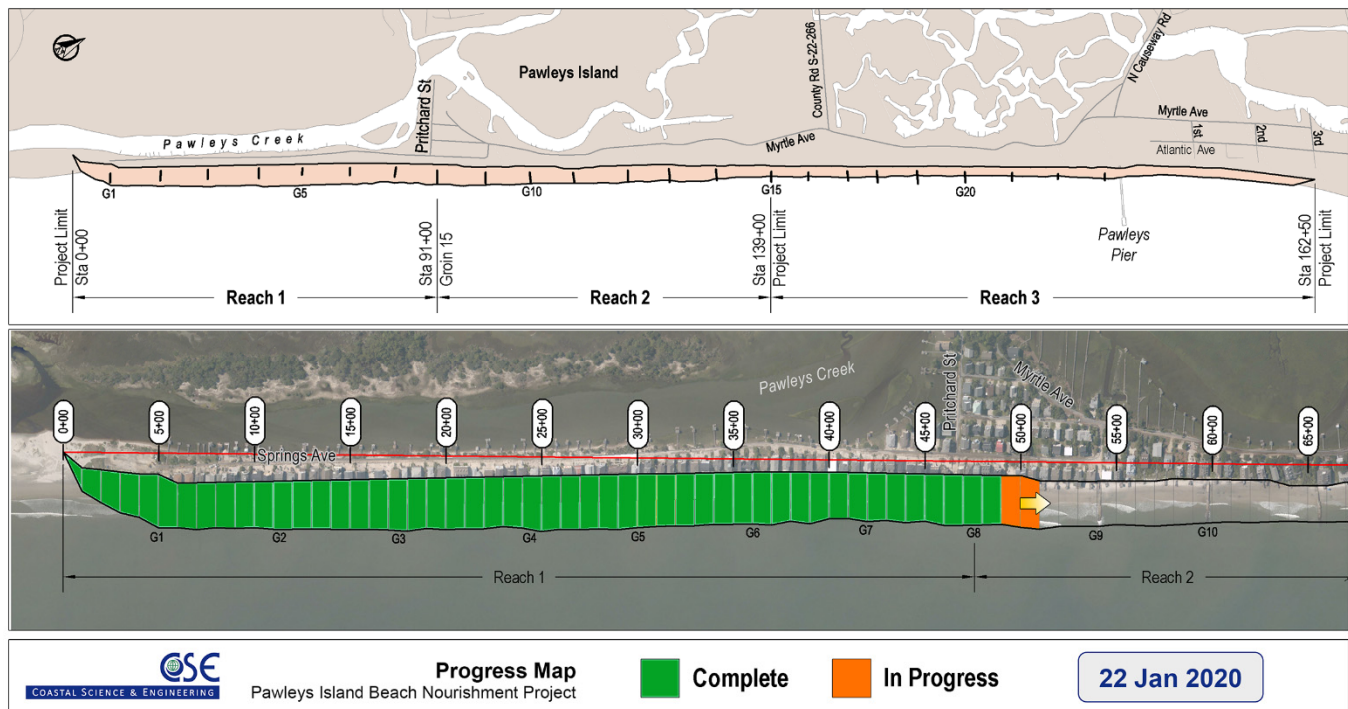
**The public is reminded to not pass safety fencing, tape, or signs in the construction zone.**



## Progress Map

If weather permits, pumping will be conducted 24/7. Work began on the south end of the island and is proceeding north. On average, 100 to 300 feet of progress is expected to be completed each day.

The project is anticipated to be completed in March 2020.



**For regular project updates visit**  
[www.townofpawleysisland.com/beach-renourishment](http://www.townofpawleysisland.com/beach-renourishment).



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